



**Federal Urdu University of Arts, Science and Technology  
Islamabad**

**Department of computer science**

**Discipline: BS (CS) 6th B (Morning)**

**Subject: Computer Graphics**

**Exam: - Mid Term**

**Total Marks: 30**

**Time: 1.5Hrs**

**Attempt All Questions**

- Q-1 a) ✓ Write down the Line generating Algorithm  
b) ✓ Write down the Ellipse generating Algorithm
- Q-2 a) ✓ Briefly explain the concept of Pixels with suitable example.  
b) ✓ Explain the Rotation in 3-D Geometric Transformation.
- Q-3 ✓ Discuss the 2-D Transformations in detail.

*Amateen*

**GOOD LUCK**